

CLAIMS

I claim:

1 Sub 12
1 1. A combination carabiner and tool device comprising:
2 a curvilinear body defining a prolate openable loop having a
3 handle region, an upper loop region and a lower loop region;
4 said curvilinear body having an elongated storage slot portion
5 in the handle region;
6 at least one tool pivotally mounted at one end to move between
7 an extended open position outside the storage slot portion and a
8 closed position within the storage slot portion; and
9 a gate element connected to the curvilinear body in the lower
10 loop region, pivotally mounted to move between an open position and
11 a closed position, the curvilinear body and gate element forming a
12 closed loop when the gate element is in the closed position.

1 2. The combination device according to claim 1, including a
2 locking mechanism capable of releasably locking at least one tool
3 in the open position.

1 3. The combination device according to claim 1, including a
2 locking pin assembly comprising:

3 a head which protrudes through a slot in the body and contacts
4 an elongated shaft;

5 the elongated shaft formed of two parts, a lesser diameter
shaft portion and a greater diameter shaft portion;

the greater diameter shaft portion having a cross-sectional area sufficient to substantially fill an arcuate slot in the blade; and

a coil spring in contact at a first end with the elongated shaft and at a second end with the body.

4. The combination carabiner and tool device according to claim 1, wherein the at least one tool is a knife.

Sub A³ 5. The combination carabiner and tool device according to claim 4, wherein the knife has a projecting thumb ridge for manipulation of the knife in opening and closing relative to the storage slot.

6. The combination carabiner and tool device according to claim 5, wherein the projecting thumb ridge overlaps the back edge of the knife for enabling use by either a right- or left-handed person.

7. The combination carabiner and tool device according to claim 1, including at least one other folding tool to pivot independently of the at least one tool.

Sub A⁴ 8. The combination carabiner and tool device according to claim 1, including a folding can opener as a tool mounted in the slot portion.

1 9. The combination carabiner and tool device according to
2 claim 1, including a folding bottle opener as a tool mounted in the
3 slot portion.

1 10. The combination carabiner and tool device according to
2 claim 1, including a folding Phillips screwdriver as a tool mounted
3 in the slot portion.

1 11. The combination carabiner and tool device according to
2 claim 1, including a folding flat head screwdriver as a tool
3 mounted in the slot portion.

1 12. The combination carabiner and tool device according to
2 claim 1, including a folding saw as a tool mounted in the slot
3 portion.

1 13. The combination carabiner and tool device according to
2 claim 1, including a folding Allen wrench as a tool mounted in the
3 slot portion.

1 14. The combination carabiner and tool device according to
2 claim 1, including a folding pair of scissors as a tool mounted in
3 the slot portion.

1 15. The combination carabiner and tool device according to
2 claim 1, including a folding claw-shaped ripping hook tool mounted
3 in the slot portion.

1 16. The combination carabiner and tool device according to
2 claim 1, including a folding pair of pliers mounted in the slot
3 portion.

1 *Sub 15* 17. The combination carabiner and tool device according to
2 claim 1, including an external cutout with a lip in the lower loop
3 region for opening capped bottles.

1 18. The combination carabiner and tool device according to
2 claim 1, including a locking feature for the gate element when in
3 the closed position.

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